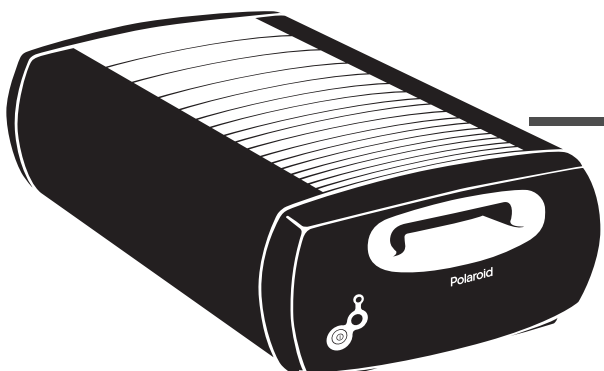
Polaroid

SprintScan 120
PolaScan 120



Installation Quickstart

System Requirements

Macintosh Systems

- A Power Macintosh computer (includes Power Macintosh G3 and G4 computers) or compatible with a Power PC processor, and 64 megabytes (MB) of RAM.
- 400 MB of free disk space.
- Scratch disk space equal to twice the final image file size plus 4 MB.
- A SCSI port or an IEEE 1394 (FireWire) port.
- Apple system software version 8.6 or 9.x.
- A video adapter and monitor capable of displaying thousands of colors, minimum. 24-bit color (16.7 million colors) is recommended for optimal display of scanned pictures.

  Note: PolaColor Insight software runs on systems with video adapters and monitors with less color capability, but pictures displayed on the monitor may not be satisfactory.

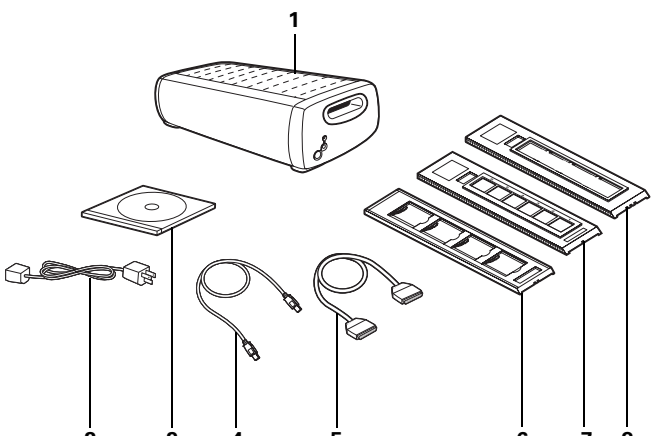
PC Systems

- An IBM PC or compatible with a 300-MHz Pentium processor and 128 megabytes (MB) of RAM (RAM equal to twice the typical image file size recommended).
- 400 MB of free disk space.
- An ASPI-compliant SCSI adapter or an IEEE 1394 (FireWire) port.
- If connecting the scanner to a SCSI port, Microsoft Windows 95, 98, Me, 2000 or NT (version 4 or later) operating system.
- If connecting the scanner to an IEEE 1394 (FireWire) port, Microsoft Windows Me or 2000 operating system. (Earlier Windows versions cannot be used.)
- A video adapter and monitor capable of displaying 24-bit color (16.7 million colors) is recommended for optimal display of scanned pictures.

  Note: PolaColor Insight software runs on systems with video adapters and monitors with less color capability, but pictures displayed on the monitor may not be satisfactory.

1 Unpack the Box

Make sure you have all the following components. Contact your dealer if any are missing or damaged.



1 scanner

2 power cord (several provided to accommodate variations in power sources)

3 PolaColor Insight Software CD containing:

- PolaColor Insight software for Windows 95, 98, Me, 2000 and NT
- PolaColor Insight software for Power MAC and Power PC systems
- On-line user's guide

4 IEEE 1394 cable

5 SCSI cable with high density 50-pin connector ends

6 35mm slide carrier

7 35mm film carrier

8 60mm (120) film carrier

9 Installation quickstart guide (this booklet; not shown)

Warning: Nothing inside the scanner is user serviceable. Do not disassemble the scanner. Doing so could result in severe electrical shock and damage to the scanner. This action may also void your warranty. Contact Polaroid Technical Support or your dealer if the scanner is malfunctioning. (To contact Polaroid from within the U.S.A., call **1-800-432-5355**. Outside the U.S.A., see *Getting assistance* in the online user's guide or visit **www.polaroid.com** on the World Wide Web.)

2 Install the Software

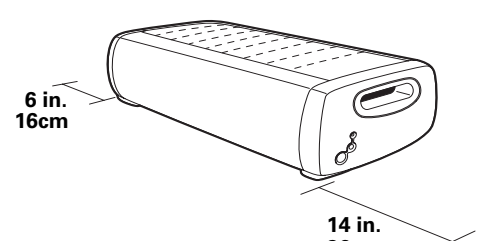
1. Turn the computer on.
2. Close any applications that may be running.
3. Insert the Polaroid PolaColor Insight CD into the drive.

Power Mac or Power PC	Windows
a Select **Polaroid PolaColor Insight Installer**. b Follow instructions on the screen.	a Wait for the install program to start. If it does not, select **Run** from the Start menu. Click **Browse** and select SETUP.EXE on the CD-ROM. Click **OK**. b Follow instructions on the screen.

4. Remove the CD from the drive.
5. If you are installing on a Windows computer and will connect the scanner to the IEEE 1394 (FireWire) port, follow these additional steps:
   - a Select **Programs** from the Start menu.
   - b Point to **Polaroid PolaColor Insight**, then select **Driver IO Utility** to display the Scanner Communication Method dialog.
   - c Click **STI** in the Select Method box and then click **OK**.

3 Position the Scanner

Place the scanner at a convenient working height. Allow sufficient clearance front and rear for the film carriers as shown.



4 Connect the Scanner to the Computer

The SprintScan 120 requires either a SCSI host adapter or an IEEE 1394 (FireWire) port in your computer. If your computer does not have one of these interfaces, you must install one (see page 14).

If your computer has a SCSI adapter, but the adapter is connected to a hard drive or CD-ROM drive, installing a second SCSI host adapter is recommended.

Note: Be sure to install the PolaColor Insight software (previous page) before connecting the scanner.

Connecting Via SCSI

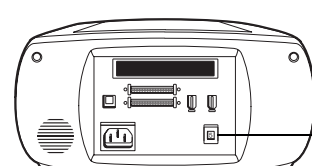
Set the scanner SCSI address:

Each external device connected to a SCSI host adapter must have a unique address from 1-6. To assure a unique address for the scanner, determine the addresses of any other SCSI devices.

Power Mac or Power PC	Windows
1 Run Apple System Profiler program, usually on the Apple menu. It may be available from www.apple.com/swupdates. 2 Click **Devices and Volumes** to view the SCSI device addresses.	Look at the address switch on each SCSI device connected to your system. If necessary, see instructions provided with the devices.

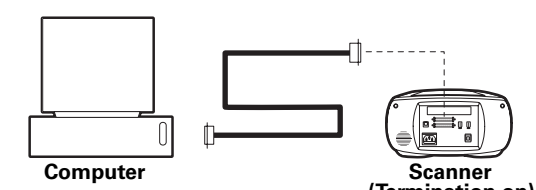
Make sure the scanner is turned off and set the address switch to a value not used by any other device.

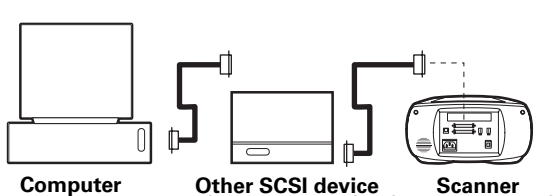
Note: The address is preset to 5. Do not change it unless another device is using 5. Do not use address switch settings 0, 7, 8 or 9.

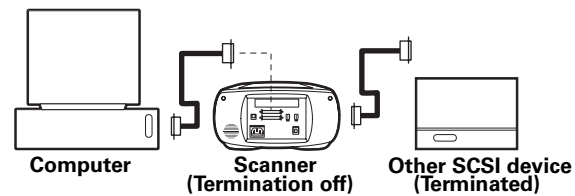


Connect the SCSI cables:
If your computer has a SCSI port, place the scanner at the end of the SCSI chain or between the computer and other SCSI devices as shown in the following diagrams. Use the shortest possible cables.

Note: Turn the computer, scanner and all other SCSI devices off before connecting or disconnecting any cables. Do not connect the scanner to the parallel connector on your computer. Doing so could damage the scanner or computer.





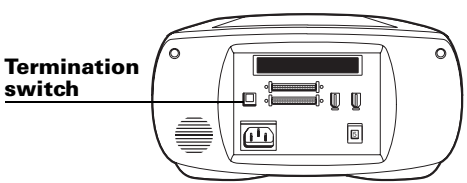


You may need additional cables or adapters to connect the scanner. Your cable must have a 50-pin high-density connector at one end for attachment to the scanner, and the cable should be as short as possible. To determine the connector you need for attachment to your SCSI adapter, refer to instructions with the adapter.

Set termination:

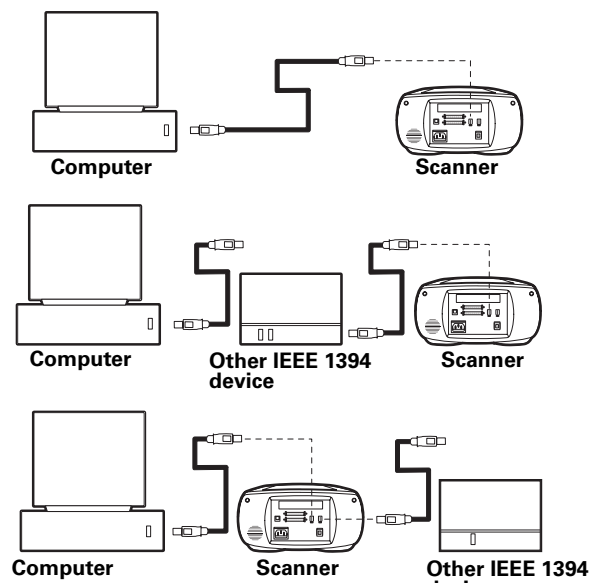
Set the termination of the scanner and all other SCSI devices as shown in the appropriate diagram in the previous section. The last device in the SCSI chain must be terminated (termination on), while all other devices must be unterminated (termination off).

Termination instructions for your other SCSI devices are provided with the devices.

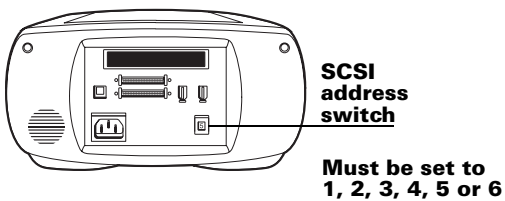


Connecting Via IEEE 1394

If you are using a IEEE 1394 (FireWire) port, turn off the computer and connect the scanner using the IEEE 1394 cable provided. Place the scanner at the end of the chain or between the computer and other IEEE 1394 devices as shown below.

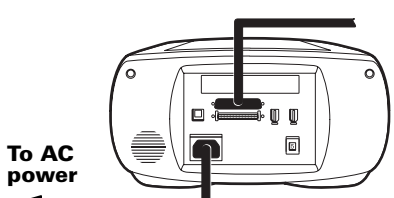


Note: After connecting the scanner cable, make sure the SCSI address switch is set to a value from 1 to 6. (The scanner will not operate normally at other switch settings.)

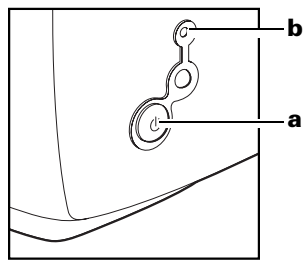


5 Connect the Scanner to AC Power and Turn On

1 Connect the power cord as shown.



2 Turn the scanner on by pressing the power button (a). Check the LED (b).



A steady green LED indicates power on. A yellow LED blinks while the scanner initializes, remaining steady when the scanner is ready. (The LED also blinks yellow while scanning.)

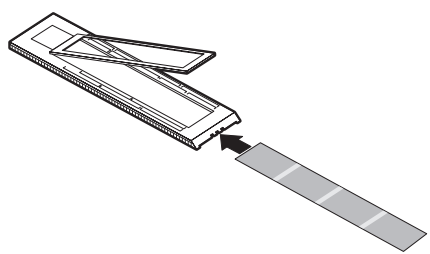
3 Turn the computer on.

4 Wait for the system to install the scanner driver and display the normal desktop.

6 Load a Filmstrip or Slides into the Carrier

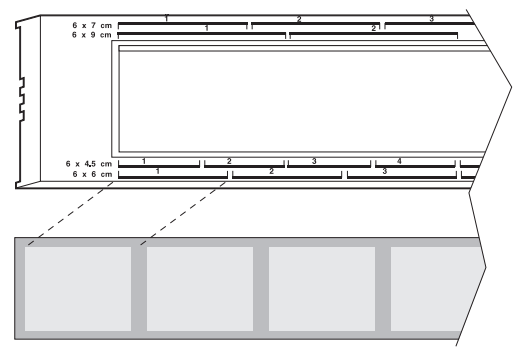
60mm Filmstrip Carrier

1 Unlock the hinged cover by sliding it toward the word "Polaroid." Then lift it open.



2 Insert the filmstrip with the emulsion (dull) side of the film facing downward.

3 Align the filmstrip images with the appropriate registration marks printed on the carrier (6x9, 6x7, 6x6 or 6x4.5 cm).

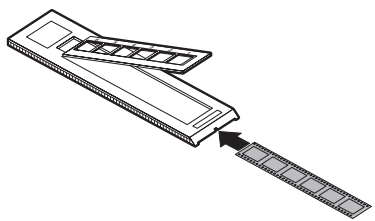


Because of variations among cameras, all images on a 60mm filmstrip may not align exactly with the registration marks. If you are scanning only one image on a filmstrip, center that image within its corresponding registration mark.

4 Close the cover and lock it by sliding it away from the word "Polaroid."

35mm Filmstrip Carrier

1 Unlock the hinged cover by sliding it toward the word “Polaroid.” Then lift it open.



2 Insert the filmstrip with the emulsion (dull) side of the film facing downward.

3 Position the filmstrip so the spaces between the image frames are about 1/8-inch (3mm) to the left (toward the word “Polaroid”) of the frame separation bars on the carrier.

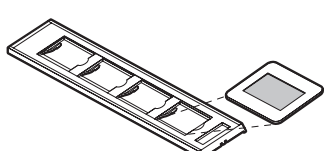
4 Close the cover and lock it by sliding it away from the word “Polaroid.”

5 Adjust the postion of the cover until the images are aligned with the openings in the carrier.

Note: Sliding the cover too far toward the word “Polaroid” will unlock it, allowing the film to shift during the scan. If this happens, open the carrier and reposition the film strip so the images can be positioned over the openings without unlocking the cover.

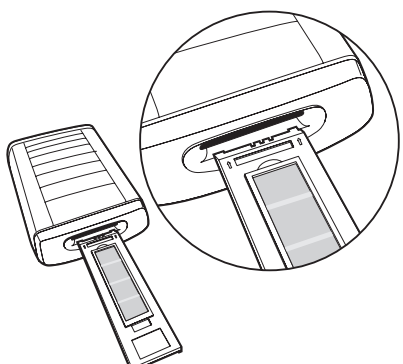
35mm Slide Carrier

Insert the slides with the emulsion (dull) side facing downward.



7 Preview-Scan an Image

1 Orient the carrier with the arrows facing upward, pointing toward the scanner. Gently push the carrier into the scanner until the yellow LED starts flashing.



2 Start the PolaColor Insight program:

Power Mac or Power PC	Windows
Double-click **PolaColor Insight**. To start the PolaColor Insight plug in within the Photoshop program, select **Import** and **PolaColor Insight** from the File menu in Photoshop.	**a** Select **Programs** from the Start menu. **b** Point to **Polaroid PolaColor Insight**, then select **PolaColor Insight**. To start PolaColor Insight within another application, point to **Acquire** on the File menu, click **Select TWAIN_32 Source**, and click **Launch PolaColor Insight**. Point to **Acquire** on the File menu and click **TWAIN_32**.

3 Select the type of slide or negative you are scanning from the Input list on the Preview panel.

4 Select your monitor type from the Display list.

5 Type or select the number of the carrier frame you want to scan in the Frame Number box.

6 Click **Preview**.

The image appears on the Preview panel.

8 Enhance and Final-Scan the Image

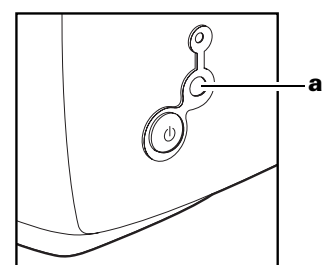
Follow the on-line user's guide instructions to enhance the image and perform a final scan.

Viewing the online *PolaColor Insight User's Guide*:

Power Mac or Power PC	Windows
1 Double-click **PolaColor Insight**, launching the PolaColor Insight program. 2 Select **PolaColor Insight Help** from the Help menu.	1 Select **Programs** from the Windows Start menu. 2 Point to **Polaroid PolaColor Insight** and select **User's Guide**.

9 Remove the Carrier from the Scanner

Select **Eject Film** from the PolaColor Insight Scanner menu or press the eject button (**a**) on the scanner.



Installing a SCSI Host Adapter or an IEEE 1394 Adapter

The SprintScan 120 can be connected to a SCSI host adapter or an IEEE 1394 adapter in your computer. Many Macintosh computers have one of these adapter types built in, but most IBM PC compatible computers do not.

If you must install a SCSI or IEEE 1394 adapter on your computer, turn the computer off and follow instructions provided by the adapter manufacturer. (The procedure usually includes software installation. If your computer has the Windows 2000 or NT operating system, log in as an administrator before installation.)

Limited Warranty

Polaroid Corporation warrants the SprintScan 120 scanner against defects in manufacture or workmanship for a period of one year from the date of purchase. To verify the warranty period, you should keep the invoice, sales receipt, or other proof of the purchase date.

Should this product or any component or accessory included with it, with the exception of software, prove to be defective at any time during the warranty period, Polaroid Corporation will, at its discretion, either replace or repair this item, without charge.

This warranty does not cover damage caused by accident, incorrect installation, unauthorized modification, and misuse or abuse. A charge will be made for repair of such damage.

This warranty excludes all consequential damages. Some jurisdictions do not allow the exclusion or limitation of consequential damages, so the foregoing exclusion may not apply to you.

Radio and television interference

FCC Notice (U.S.A.)

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient/relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: A shielded interface cable with a ferrite core installed on the scanner connector end must be used with this equipment.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Product: The Polaroid SprintScan 120 Scanner

Marketed by: Polaroid Corporation, Cambridge, MA 02139 U.S.A. Telephone: **1-800-432-5355**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two considerations: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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